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Approved for use through 09/30/2000. OMB 0651-0031  
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PTO/SB/21 (6-98)

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	09/461,010
		Filing Date	December 15, 1999
		First Named Inventor	CALVEZ ET AL.
		Group Art Unit	
		Examiner Name	
Total Number of Pages in This Submission		Attorney Docket Number	T2147-906313

### ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input checked="" type="checkbox"/> Drawings(s) 2 formal PROPOSED DRAWING COR- Licensing-related Paper RECTIONS	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Supplemental Preliminary Amendment / Response	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Small Entity Statement	<input type="checkbox"/> English translation of application w/Verification of Translator
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	<input type="checkbox"/> Request for Correction of Filing Receipt
Completion of Claim for Certified Copy of Priority priority Document(s) FR98/15800	<b>Remarks</b>	
<input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application	Basic filing fee and surcharge for filing in a non-English language previously paid.	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	Extra claims fee attached	

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Edward J. Kondracki MILES & STOCKBRIDGE P.C.
Signature	
Date	April 7, 2000

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:

Typed or printed name	
Signature	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



### Verification of Translation

I, Robin Holding, having an office at 948 15th Street, #4, Santa Monica, CA 90403-3134, hereby state that I am well acquainted with both the English and French languages and that to the best of my knowledge and ability, the appended document is a true and faithful translation of

**French Patent Application No. 98 15800, filed in France on December 15, 1998 in the name of BULL S.A., invented by Pierre CALVEZ, et al.**

I further declare that the above statement is true; and further, that this statement is made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent resulting therefrom.

March 21, 2000

Date

Robin Holding

A handwritten signature in black ink, appearing to read "Robin Holding".

RECEIVED  
APR 07 2000  
#8

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Pierre CALVEZ et al.

Serial No.: 09/461,010

Filed: December 15, 1999

For: PROCESS FOR CREATING AND  
MANAGING AT LEAST ONE  
CRYPTOGRAPHIC KEY, AND SYSTEM FOR  
ITS IMPLEMENTATION

Examiner:

Group Art Unit:

Corres. To FR98/15800  
Filed December 15, 1999

McLean, Virginia

**REQUEST FOR CORRECTION OF FILING RECEIPT**Honorable Commissioner of Patents and Trademarks  
Washington, DC 20231

Sir:

Attached is a copy of Form PTO-103X (FILING RECEIPT) generated by Data Entry: HOPKINS, DENISE; TEAM: 04; DATE: 02/03/00. We have reviewed the accuracy of the data and request the following corrections:

Under the "Applicants", last line, delete "LED" and substitute -LE--;

After "Title", delete the question mark and insert the following title:

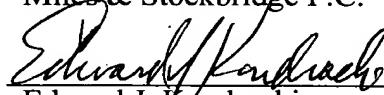
--PROCESS FOR CREATING AND MANAGING AT LEAST ONE

CRYPTOGRAPHIC KEY, AND SYSTEM FOR ITS IMPLEMENTATION--;

Respectfully submitted,

Miles & Stockbridge P.C.

By:

  
Edward J. Kondracki  
Registration No. 20,604

Date: April 7, 2000

1751 Pinnacle Drive, Suite 500  
McLean, Virginia 22102-3833  
Tel.: (703) 903-9000

FILING RECEIPT

CORRECTED

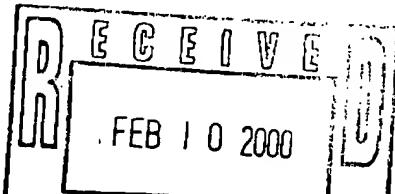
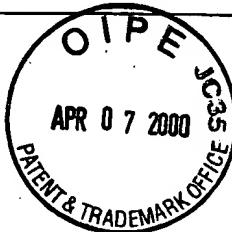


T 20000  
2147

UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTORNEY DOCKET NO.	DRWGS	TOT CL	IND CL
09/461,010	12/15/99		\$760.00	6313	2	19	1

EDWARD J KONDRACKI  
MILES & STOCKBRIDGE PC  
1751 PINNACLE DRIVE  
SUITE 500  
MCLEAN VA 22102-3833



Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order for examination as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts of Application" ("Missing Parts Notice") in this application, please submit any corrections to this Filing Receipt with your reply to the "Missing Parts Notice." When the PTO processes the reply to the "Missing Parts Notice," the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)      PIERRE CALVEZ, RUEIL MALMAISON, FRANCE; BRIGITTE COURTAUX, RUEIL MALMAISON, FRANCE; JACQUES LEBASTARD, FONTENAY ~~LE~~ FLUERY, FRANCE.

Le

FOREIGN APPLICATIONS-      FRANCE      FR 98 15800

12/15/98

IF REQUIRED, FOREIGN FILING LICENSE GRANTED 02/03/00  
TITLE

Process for creating and managing  
at least one cryptographic  
key, and system for its  
implementation

PRELIMINARY CLASS: AT LEAST ONE CRYPTOGRAPHIC  
KEY, AND SYSTEM FOR ITS  
IMPLEMENTATION

DATA ENTRY BY: HOPKINS, DENISE      TEAM: 04 DATE: 02/03/00



(See reverse side for more information)

FL

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

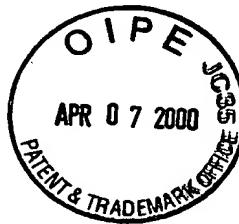
In re application of:

Pierre CALVEZ et al.

Serial No.: 09/461,010

Filed: December 15, 1999

For: PROCESS FOR CREATING AND  
 MANAGING AT LEAST ONE  
 CRYPTOGRAPHIC KEY, AND SYSTEM FOR  
 ITS IMPLEMENTATION



Examiner:  
 Group Art Unit:  
 Corres. To FR98/15800  
 Filed December 15, 1999

McLean, Virginia

**PROPOSED DRAWING CORRECTIONS**

Hon. Commissioner of Patents and Trademarks  
 Washington, D.C. 20231

Sir:

Applicant requests approval of the drawing corrections on Figs. 1-2 as shown in red on the attached sheets.

The proposed corrections only comprise labeling the blocks to conform the drawing to the specification and claims in Fig. 1, translating the French terms into English in Fig. 2, and removing the headings "1/2" to "2/2" to conform the drawings to U.S. practice.

Respectfully submitted,

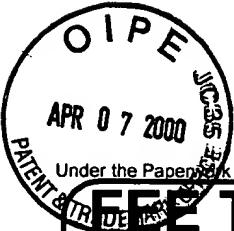
Miles &amp; Stockbridge P.C.

By:

*Edward J. Kondracki*  
 Edward J. Kondracki  
 Registration No. 20,604

Date: April 7, 2000

1751 Pinnacle Drive, Suite 500  
 McLean, Virginia 22102-3833  
 Tel.: (703) 903-9000



PTO/SB/17 (12/99)  
Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
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# Fee TRANSMITTAL for FY 2000

Patent fees are subject to annual revision.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.

**TOTAL AMOUNT OF PAYMENT** (\$352.00)

## Complete if Known

Application Number	09/461,010
Filing Date	December 15, 1999
First Named Inventor	Pierre CALVEZ ET AL.
Examiner Name	
Group / Art Unit	
Attorney Docket No.	T2147-906313

Fee Value  
Accountability

Deposit Account

50 1165  
Fee Value  
Code Number

## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 501165

Deposit Account Name Miles & Stockbridge

Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17

2.  Payment Enclosed:

Check  Money Order  Other

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee 65	Fee 25	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	380	216	190	Extension for reply within second month	
117	870	217	435	Extension for reply within third month	
118	1,360	218	680	Extension for reply within fourth month	
128	1,850	228	925	Extension for reply within fifth month	
119	300	219	150	Notice of Appeal	
120	300	220	150	Filing a brief in support of an appeal	
121	260	221	130	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,210	241	605	Petition to revive - unintentional	
142	1,210	242	605	Utility issue fee (or reissue)	
143	430	243	215	Design issue fee	
144	580	244	290	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	690	246	345	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	690	249	345	For each additional invention to be examined (37 CFR § 1.129(b))	

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

Reduced by Basic Filing Fee Paid **SUBTOTAL (3) (\$)**

**SUBTOTAL (2) (\$ 352.00)**

## SUBMITTED BY

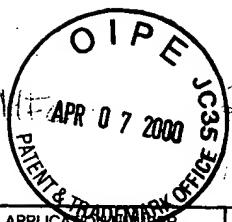
Complete if applicable

Name (Print/Type)	Edward J. Kondracki	Registration No. (Attorney/Agent)	20,604	Telephone	703/903-9000
Signature	<i>Edward J. Kondracki</i>			Date	April 7, 2000

## WARNING:

Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

**UNITED STATES DEPARTMENT OF COMMERCE****Patent and Trademark Office**Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
--------------------	---------------------	-----------------------	---------------------------

09461-010 12/15/99 CALVEY

F 2313

0242/0208

EDWARD J KONDRAKIE  
MILES & STOCKBRIDGE PC  
1751 PINNACLE DRIVE  
SUITE 500  
MCLEAN VA 22102-3800

0800

DATE MAILED:

02/08/00

**NOTICE TO FILE MISSING PARTS OF APPLICATION*****Filing Date Granted***

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the SURCHARGE set forth in 37 CFR 1.16(e) of  \$65.00 for a small entity in compliance with 37 CFR 1.27, or  \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

If all required items on this form are filed within the period set above, the total amount owed by applicant as a  
 small entity (statement filed)  non-small entity is \$ 0

1. The statutory basic filing fee is:  
 missing.  
 insufficient.

Applicant must submit \$ 0 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).

2. The following additional claims fees are due:

\$ 0 for 0 total claims over 20. 04/11/2000 NHASSANI 00000008 09461010  
\$ 0 for 0 independent claims over 3. 01 FC:103 234.00 OP  
\$ 0 for multiple dependent claim surcharge. 02 FC:102 78.00 OP  
03 FC:199 40.00 OP

Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.

3. The oath or declaration:  
 is missing or unsigned.  
 does not cover the newly submitted items.

An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date is required.

4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 CFR 1.42, 1.43 or 1.47.

A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.

5. The signature of the following joint inventor(s) is missing from the oath or declaration:

An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.

6. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21(m)).

7. Your filing receipt was mailed in error because your check was returned without payment.

8. The application was filed in a language other than English.

Applicant must file a verified English translation of the application, the \$130.00 set forth in 37 CFR 1.17(k), unless previously submitted, and a statement that the translation is accurate (37 CFR 1.52(d)).

9. OTHER: Engl. translatd needed

Direct the reply and any questions about this notice to "Attention: Box Missing Parts."

**A copy of this notice MUST be returned with the reply.**

*Ed Hopkins, D 72*  
Customer Service Center

Initial Patent Examination Division (703) 308-1202